

2018 AWWA Water Audit Level 1 Validation – Review Document

Audit Information:

Utility: Livermore	PWS ID: 0110011
System Type: Potable	Audit Period: Calendar 2018
Utility Representation: Dean Atkins (Public Works)	
Validation Date: 8/22/2019	Call Time: 8:00am
	Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 75	Data Validity Band (Level): Band IV (71-90)
ILI: 2.77	Real Loss: 43.15 (gal/conn/day)
	Apparent Loss: 7.02 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 4.7%	

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Larry Lewison, Will Jernigan P.E. Validator Qualifications: Contractor for California Water Loss TAP

Validator Provided

2018 AWWA Water Audit Level 1 Validation

Water System Name: City of Livermore Water

Water System ID Number: CA0110011 Water Audit Period: Calendar 2018

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

We are continuing to update our tracking procedures for unbilled/unmetered consumption. Using asset management software to identified aging infrastructure in the distribution system for repair or replace proactively.

Utility Provided

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Helen Ling

Water Resources Division Manager

[Signature]

08/26/2019

Executive Name (Print)

Executive Position

Signature

Date